

Data File : VU033634.D
Acq On : 08 Aug 2019 13:35
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Quant Time: Aug 09 07:38:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 08 15:37:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	310405	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	310839	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	164890	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	162116	46.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.52%
7) Chloroethane-d5	1.67	69	140201	47.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.54%
11) 1,1-Dichloroethene-d2	2.26	63	265438	46.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.72%
21) 2-Butanone-d5	4.15	46	254468	99.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.16%
24) Chloroform-d	4.62	84	270361	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
26) 1,2-Dichloroethane-d4	5.29	65	178832	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.52%
32) Benzene-d6	5.32	84	566091	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.68%
36) 1,2-Dichloropropane-d6	6.31	67	180844	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.14%
41) Toluene-d8	7.55	98	536371	50.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.10%
43) trans-1,3-Dichloropropene-	7.83	79	92849	51.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.94%
47) 2-Hexanone-d5	8.29	63	192542	104.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.35%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	279893	48.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.10%
64) 1,2-Dichlorobenzene-d4	11.85	152	220435	48.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.86%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	136395	47.719	ug/L	99
3) Chloromethane	1.32	50	142477	45.714	ug/L	99
5) Vinyl chloride	1.40	62	160490	47.635	ug/L	99
6) Bromomethane	1.62	94	100113	44.235	ug/L	99
8) Chloroethane	1.69	64	99284	47.246	ug/L	96
9) Trichlorofluoromethane	1.87	101	213789	47.799	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	108714	47.278	ug/L	98
12) 1,1-Dichloroethene	2.27	96	105220	47.920	ug/L	97
13) Acetone	2.31	43	170074	97.425	ug/L	100
14) Carbon disulfide	2.46	76	317413	48.291	ug/L	100
15) Methyl Acetate	2.60	43	140852	49.491	ug/L	100
16) Methylene chloride	2.68	84	123978	47.624	ug/L	97
17) trans-1,2-Dichloroethene	2.96	96	111257	48.629	ug/L	99
18) Methyl tert-butyl Ether	2.98	73	359537	50.033	ug/L	99
19) 1,1-Dichloroethane	3.42	63	213916	47.928	ug/L	98
20) cis-1,2-Dichloroethene	4.20	96	128715	49.960	ug/L	95
22) 2-Butanone	4.23	43	217976	99.463	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	66199	48.590	ug/L	98
25) Chloroform	4.65	83	227830	48.730	ug/L	97
27) 1,2-Dichloroethane	5.38	62	172304	47.545	ug/L	99
29) Cyclohexane	4.97	56	182815	50.906	ug/L	98
30) 1,1,1-Trichloroethane	4.89	97	187468	48.041	ug/L	99
31) Carbon tetrachloride	5.11	117	166350	48.198	ug/L	99
33) Benzene	5.37	78	477630	48.675	ug/L	100
34) Trichloroethene	6.17	95	122519	48.677	ug/L	98
35) Methylcyclohexane	6.40	83	194652	50.497	ug/L	99
37) 1,2-Dichloropropane	6.41	63	128771	48.555	ug/L	100
38) Bromodichloromethane	6.74	83	164661	47.996	ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	208572	52.833	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	393538	102.285	ug/L	99
42) Toluene	7.62	91	525839	49.969	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	188225	50.656	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	122743	48.563	ug/L	98
46) Tetrachloroethene	8.21	164	103898	50.883	ug/L	96
48) 2-Hexanone	8.34	43	322857	101.783	ug/L	98
49) Dibromochloromethane	8.46	129	139894	48.575	ug/L	96
50) 1,2-Dibromoethane	8.57	107	135893	49.555	ug/L	100
51) Chlorobenzene	9.10	112	339051	49.263	ug/L	97
52) Ethylbenzene	9.23	91	571799	50.577	ug/L	99
53) m,p-Xylene	9.36	106	221985	51.813	ug/L	99
54) o-xylene	9.76	106	215186	50.669	ug/L	99
55) Styrene	9.77	104	372765	51.587	ug/L	99
56) Isopropylbenzene	10.15	105	564024	51.565	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	222557	47.948	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	176323	48.692	ug/L	99
61) Bromoform	9.94	173	109636	49.606	ug/L	100
62) 1,3-Dichlorobenzene	11.40	146	277599	50.123	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	282733	49.383	ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	279313	49.725	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	52527	50.204	ug/L	98
67) 1,3,5-Trichlorobenzene	12.87	180	214501	51.234	ug/L	100
68) 1,2,4-trichlorobenzene	13.49	180	186049	53.163	ug/L	97
69) Naphthalene	13.73	128	573581	56.119	ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	195282	53.451	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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